

SECRET

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18 July 1963

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MEMORANDUM FOR THE RECORD

SUBJECT : Proposal for Live Ejection Seat Test

1. To date two successful ejection seat tests from a F100 aircraft using a 95th percentile anthropomorphic dummy have been performed. The first of these was at 20,000 feet and Mach .9 and the second was at 50,000 feet and Mach 1.55. This test represents the most severe ejection condition foreseeable in the A-12 aircraft. Analysis of data accumulated on these tests indicate that conditions encountered were within human tolerance.

2. Two more dummy tests will be accomplished in the near future. The first of these will be at 46,000 feet and Mach 1.52 and the second will be at 14,000 feet and Mach .53.

3. If results of the last two tests reveal that a human could survive without injury then it is proposed that a dummy ejection test followed by a human ejection test be performed out of the two place A-12 aircraft. Speed and altitude will be defined at the completion of the present dummy test program.

SIGNED

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DD/OSA: svp (15 July 63)

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